

# PRODUCT DATA SHEET

Date: August 2009	Product Name: Bowral Blue - Bowral® 50 Range	
Product Code: 28108-1		
Description: Dry Pressed 50mm Face Brick		
Manufactured: Bowral, NSW		
Application:		

This data represents average results from commercial production lots. If specific test results are required, samples should be taken from current production lots.

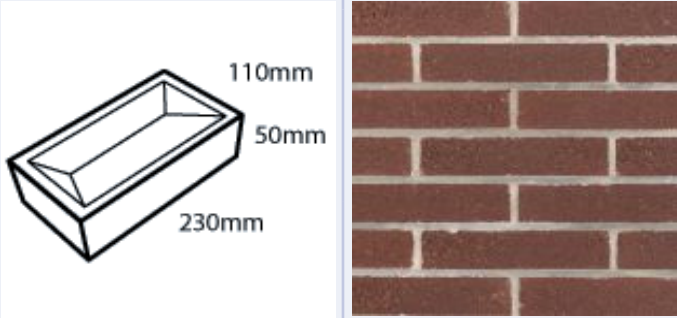
AUSTRALIAN STANDARD TEST METHODS AS/NZS 4456 ARE USED AS APPLICABLE.

Typical Properties	
Length (mm)	230mm
Width (mm)	110mm
Height (mm)	50mm
Dimensional Category	DW2
Average Weight / Unit	2.5 kg
Units per square metre	69.5
Pack Size	700
Characteristic Unconfined Compressive Strength (f'uc)	>20 MPa
24 Hour Cold Water Absorption	<6 %
Initial Rate of Absorption (IRA) Gross	3.0-6.0 kg/m <sup>2</sup> min
Estimated 15 year Coefficient of Expansion (e factor)	<0.5 mm/m
Perforation Volume	Frog - 5%
Durability Class	Exposure Grade
Liability to Efflorescence	Slight
Lime Pitting Liability	Slight
Solar Absorptance Rating	Dark

## Specifications

Product Code	Product Name	Dimensions			Dimensional Category	Weight (kg)	F'uc (MPa)	e' Factor (mm/m)	Durability	Initial Rate of Absorption (kg/m <sup>2</sup> min)	MaxCold Water Absorption (%)
		Length (mm)	Width (mm)	Height (mm)							
28108-1	Bowral Blue	230	110	50	DW2	2.5	>20	<0.5	Exposure	3.0-6.0	<6
28028-1	Capitol Red	230	110	50	DW2	2.5	>12	<0.5	Exposure	3.0-6.0	<10
28038-1	Charolais Cream	230	110	50	DW2	2.4	>12	<0.5	Exposure	3.0-6.0	<10
28118-1	Gertrudis Brown	230	110	50	DW2	2.5	>12	<0.5	Exposure	3.0-6.0	<10
28078-1	Simmental Silver	230	110	50	DW2	2.5	>12	<0.5	Exposure	3.0-6.0	<10

# PRODUCT DATA SHEET

Date: August 2009	Product Name: Capitol Red - Bowral® 50 Range	
Product Code: 28028-1		
Description: Dry Pressed 50mm Face Brick		
Manufactured: Bowral, NSW		
Application:		

This data represents average results from commercial production lots. If specific test results are required, samples should be taken from current production lots.

AUSTRALIAN STANDARD TEST METHODS AS/NZS 4456 ARE USED AS APPLICABLE.

Typical Properties	
Length (mm)	230mm
Width (mm)	110mm
Height (mm)	50mm
Dimensional Category	DW2
Average Weight / Unit	2.5 kg
Units per square metre	69.5
Pack Size	700
Characteristic Unconfined Compressive Strength (f'uc)	>12 MPa
24 Hour Cold Water Absorption	<10 %
Initial Rate of Absorption (IRA) Gross	3.0-6.0 kg/m <sup>2</sup> min
Estimated 15 year Coefficient of Expansion (e factor)	<0.5 mm/m
Perforation Volume	Frog - 5%
Durability Class	Exposure Grade
Liability to Efflorescence	Slight
Lime Pitting Liability	Slight
Solar Absorbance Rating	Dark

## Specifications

Product Code	Product Name	Dimensions			Dimensional Category	Weight (kg)	F'uc (MPa)	e' Factor (mm/m)	Durability	Initial Rate of Absorption (kg/m <sup>2</sup> min)	MaxCold Water Absorption (%)
		Length (mm)	Width (mm)	Height (mm)							
28108-1	Bowral Blue	230	110	50	DW2	2.5	>20	<0.5	Exposure	3.0-6.0	<6
28028-1	Capitol Red	230	110	50	DW2	2.5	>12	<0.5	Exposure	3.0-6.0	<10
28038-1	Charolais Cream	230	110	50	DW2	2.4	>12	<0.5	Exposure	3.0-6.0	<10
28118-1	Gertrudis Brown	230	110	50	DW2	2.5	>12	<0.5	Exposure	3.0-6.0	<10
28078-1	Simmental Silver	230	110	50	DW2	2.5	>12	<0.5	Exposure	3.0-6.0	<10

# PRODUCT DATA SHEET

Date: August 2009	Product Name: Charolais Cream - Bowral® 50 Range	
Product Code: 28038-1		
Description: Dry Pressed 50mm Face Brick		
Manufactured: Bowral, NSW		
Application:		

This data represents average results from commercial production lots. If specific test results are required, samples should be taken from current production lots.

AUSTRALIAN STANDARD TEST METHODS AS/NZS 4456 ARE USED AS APPLICABLE.

Typical Properties	
Length (mm)	230mm
Width (mm)	110mm
Height (mm)	50mm
Dimensional Category	DW2
Average Weight / Unit	2.4 kg
Units per square metre	69.5
Pack Size	700
Characteristic Unconfined Compressive Strength (f'uc)	>12 MPa
24 Hour Cold Water Absorption	<10 %
Initial Rate of Absorption (IRA) Gross	3.0-6.0 kg/m <sup>2</sup> min
Estimated 15 year Coefficient of Expansion (e factor)	<0.5 mm/m
Perforation Volume	Frog - 5%
Durability Class	Exposure Grade
Liability to Efflorescence	Slight
Lime Pitting Liability	Slight
Solar Absorptance Rating	Dark

## Specifications

Product Code	Product Name	Dimensions			Dimensional Category	Weight (kg)	F'uc (MPa)	e' Factor (mm/m)	Durability	Initial Rate of Absorption (kg/m <sup>2</sup> min)	MaxCold Water Absorption (%)
		Length (mm)	Width (mm)	Height (mm)							
28108-1	Bowral Blue	230	110	50	DW2	2.5	>20	<0.5	Exposure	3.0-6.0	<6
28028-1	Capitol Red	230	110	50	DW2	2.5	>12	<0.5	Exposure	3.0-6.0	<10
28038-1	Charolais Cream	230	110	50	DW2	2.4	>12	<0.5	Exposure	3.0-6.0	<10
28118-1	Gertrudis Brown	230	110	50	DW2	2.5	>12	<0.5	Exposure	3.0-6.0	<10
28078-1	Simmental Silver	230	110	50	DW2	2.5	>12	<0.5	Exposure	3.0-6.0	<10

# PRODUCT DATA SHEET

Date: August 2009	Product Name: Gertrudis Brown - Bowral® 50 Range	
Product Code: 28118-1		
Description: Dry Pressed 50mm Face Brick		
Manufactured: Bowral, NSW		
Application:		

This data represents average results from commercial production lots. If specific test results are required, samples should be taken from current production lots.

AUSTRALIAN STANDARD TEST METHODS AS/NZS 4456 ARE USED AS APPLICABLE.

Typical Properties	
Length (mm)	230mm
Width (mm)	110mm
Height (mm)	50mm
Dimensional Category	DW2
Average Weight / Unit	2.4 kg
Units per square metre	69.5
Pack Size	700
Characteristic Unconfined Compressive Strength (f'uc)	>12 MPa
24 Hour Cold Water Absorption	<10 %
Initial Rate of Absorption (IRA) Gross	3.0-6.0 kg/m <sup>2</sup> min
Estimated 15 year Coefficient of Expansion (e factor)	<0.5 mm/m
Perforation Volume	Frog - 5%
Durability Class	Exposure Grade
Liability to Efflorescence	Slight
Lime Pitting Liability	Slight
Solar Absorptance Rating	Dark

## Specifications

Product Code	Product Name	Dimensions			Dimensional Category	Weight (kg)	F'uc (MPa)	e' Factor (mm/m)	Durability	Initial Rate of Absorption (kg/m <sup>2</sup> min)	MaxCold Water Absorption (%)
		Length (mm)	Width (mm)	Height (mm)							
28108-1	Bowral Blue	230	110	50	DW2	2.5	>20	<0.5	Exposure	3.0-6.0	<6
28028-1	Capitol Red	230	110	50	DW2	2.5	>12	<0.5	Exposure	3.0-6.0	<10
28038-1	Charolais Cream	230	110	50	DW2	2.4	>12	<0.5	Exposure	3.0-6.0	<10
28118-1	Gertrudis Brown	230	110	50	DW2	2.5	>12	<0.5	Exposure	3.0-6.0	<10
28078-1	Simmental Silver	230	110	50	DW2	2.5	>12	<0.5	Exposure	3.0-6.0	<10

# PRODUCT DATA SHEET

Date: August 2009	Product Name: Simmental Silver - Bowral® 50 Range	
Product Code: 28078-1		
Description: Dry Pressed 50mm Face Brick		
Manufactured: Bowral, NSW		
Application:		

Typical Properties	
Length (mm)	230mm
Width (mm)	110mm
Height (mm)	50mm
Dimensional Category	DW2
Average Weight / Unit	2.4 kg
Units per square metre	69.5
Pack Size	700
Characteristic Unconfined Compressive Strength (f'uc)	>12 MPa
24 Hour Cold Water Absorption	<10 %
Initial Rate of Absorption (IRA) Gross	3.0-6.0 kg/m <sup>2</sup> min
Estimated 15 year Coefficient of Expansion (e factor)	<0.5 mm/m
Perforation Volume	Frog - 5%
Durability Class	Exposure Grade
Liability to Efflorescence	Slight
Lime Pitting Liability	Slight
Solar Absorptance Rating	Dark

This data represents average results from commercial production lots. If specific test results are required, samples should be taken from current production lots.

AUSTRALIAN STANDARD TEST METHODS AS/NZS 4456 ARE USED AS APPLICABLE.

## Specifications

Product Code	Product Name	Dimensions			Dimensional Category	Weight (kg)	F'uc (MPa)	e' Factor (mm/m)	Durability	Initial Rate of Absorption (kg/m <sup>2</sup> min)	MaxCold Water Absorption (%)
		Length (mm)	Width (mm)	Height (mm)							
28108-1	Bowral Blue	230	110	50	DW2	2.5	>20	<0.5	Exposure	3.0-6.0	<6
28028-1	Capitol Red	230	110	50	DW2	2.5	>12	<0.5	Exposure	3.0-6.0	<10
28038-1	Charolais Cream	230	110	50	DW2	2.4	>12	<0.5	Exposure	3.0-6.0	<10
28118-1	Gertrudis Brown	230	110	50	DW2	2.5	>12	<0.5	Exposure	3.0-6.0	<10
28078-1	Simmental Silver	230	110	50	DW2	2.5	>12	<0.5	Exposure	3.0-6.0	<10